

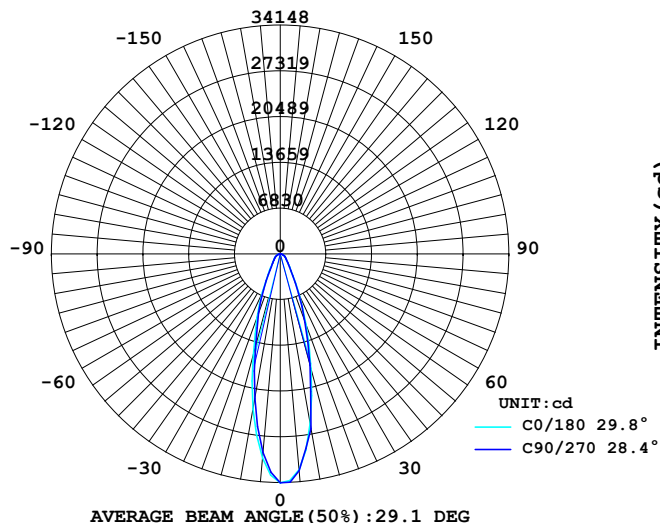
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

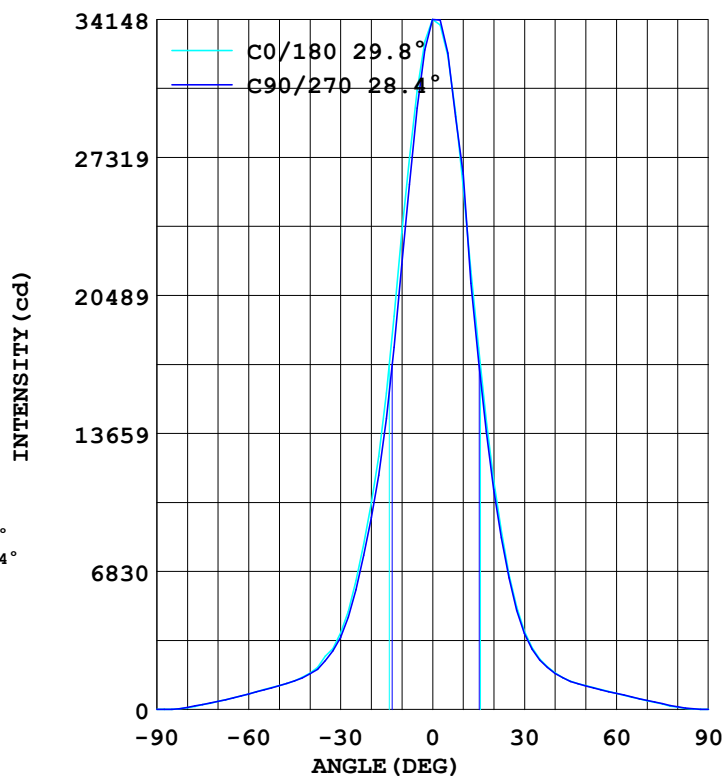
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N10040-30	WEIGHT:
SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	34237	S/MH (C0/180)	0.47
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.44
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	15096	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	150.2	Current(A)	0.449
NOMINAL FLUX(lm)	15095.6	η up (%)	0.0	Power(W)	100.5
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	229.6	Effective Flux(lm)	15095.6	EEI	0.100

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.18

Test Set: 6.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

Color Temperature Data List

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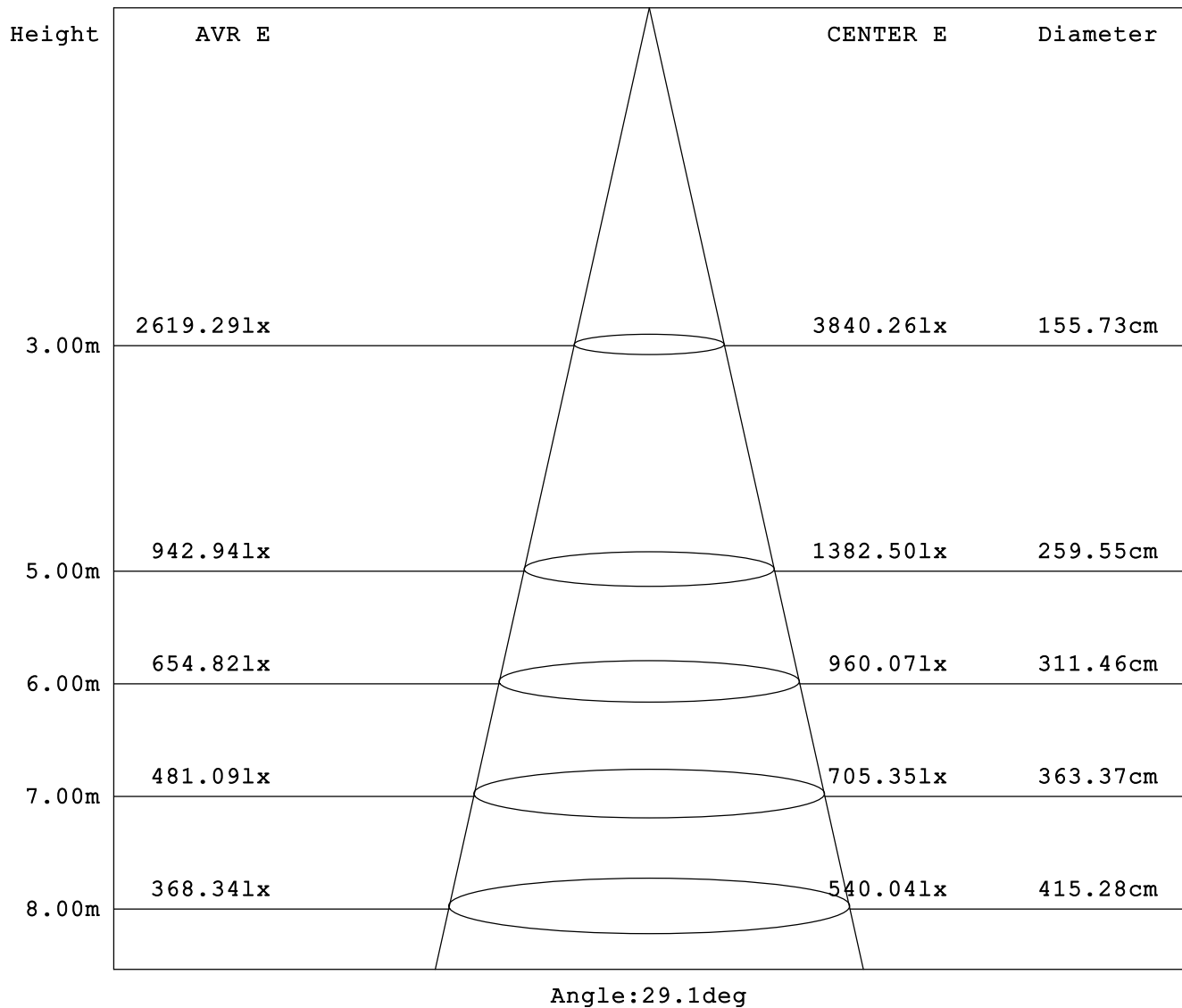
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	3062	2989	2976	3081	3234	3280	3248	3168	0- 5	782.1	782.1
10.0	2360	2248	2200	2381	2584	2612	2648	2441	5- 10	1978	2760
15.0	1566	1478	1438	1595	1790	1808	1724	1650	10- 15	2363	5123
20.0	1023	976.1	949.8	1049	1135	1148	1088	1054	15- 20	2167	7290
25.0	637.0	652.8	593.1	676.4	668.0	728.1	652.5	690.2	20- 25	1780	9070
30.0	379.8	416.3	357.1	407.6	387.7	434.5	375.4	429.1	25- 30	1336	10406
35.0	264.2	271.4	240.8	267.9	250.0	270.8	244.0	272.4	30- 35	963.0	11369
40.0	179.7	193.6	176.3	188.1	180.9	192.2	178.9	194.4	35- 40	739.4	12108
45.0	142.3	153.0	141.2	149.6	140.2	150.5	139.3	152.3	40- 45	616.1	12725
50.0	118.5	124.0	117.4	123.2	117.8	125.4	115.9	126.1	45- 50	543.5	13268
55.0	98.44	100.5	97.44	101.4	98.80	104.7	97.33	104.2	50- 55	485.1	13753
60.0	77.37	78.26	77.53	80.13	79.80	85.39	80.34	83.93	55- 60	419.8	14173
65.0	58.10	57.48	58.08	60.23	61.38	65.91	62.57	63.33	60- 65	344.7	14518
70.0	39.99	38.32	40.32	41.22	43.99	46.98	45.03	43.97	65- 70	261.4	14779
75.0	23.86	22.14	24.92	25.13	27.50	29.57	28.56	27.77	70- 75	178.4	14958
80.0	8.637	8.399	10.56	10.79	11.87	14.76	13.31	11.83	75- 80	97.88	15056
85.0	0.923	1.136	1.122	1.966	2.324	4.173	3.343	2.682	80- 85	34.28	15090
90.0	0.262	0.276	0.370	0.279	0.376	0.396	0.231	0.279	85- 90	5.555	15096
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm	

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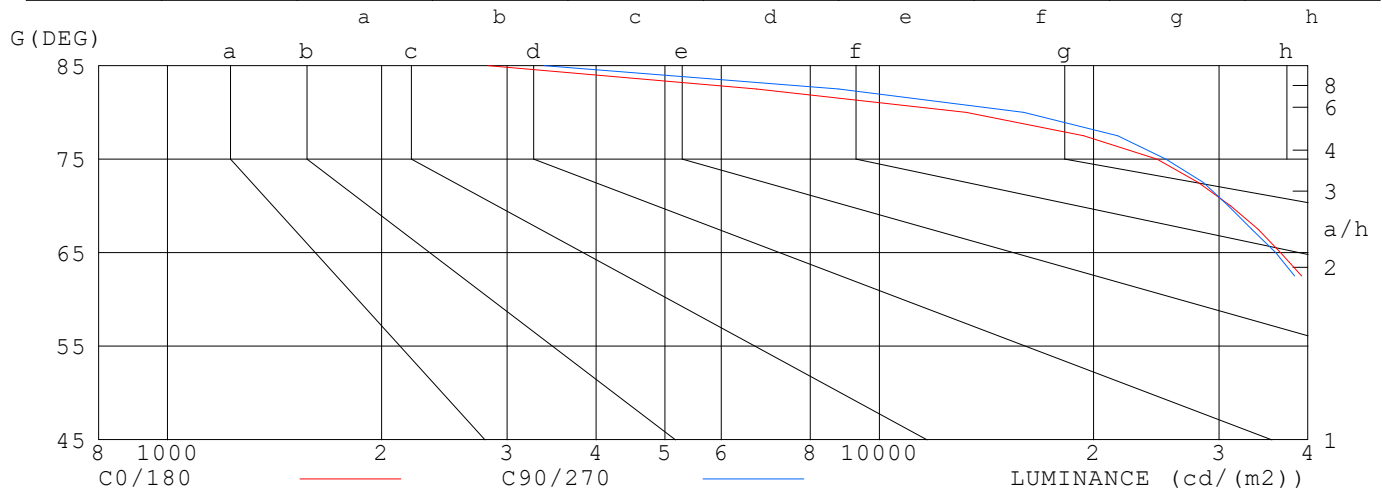
LUMINANCE LIMITATION CURVES

Report number:

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LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m²)		
G (DEG)	C0/180	C90/270
85	2821	3378
80	13249	15958
75	24556	25271
70	31148	30935
65	36620	36059
60	41217	40683
55	45714	44571
50	49131	47941
45	53611	52405

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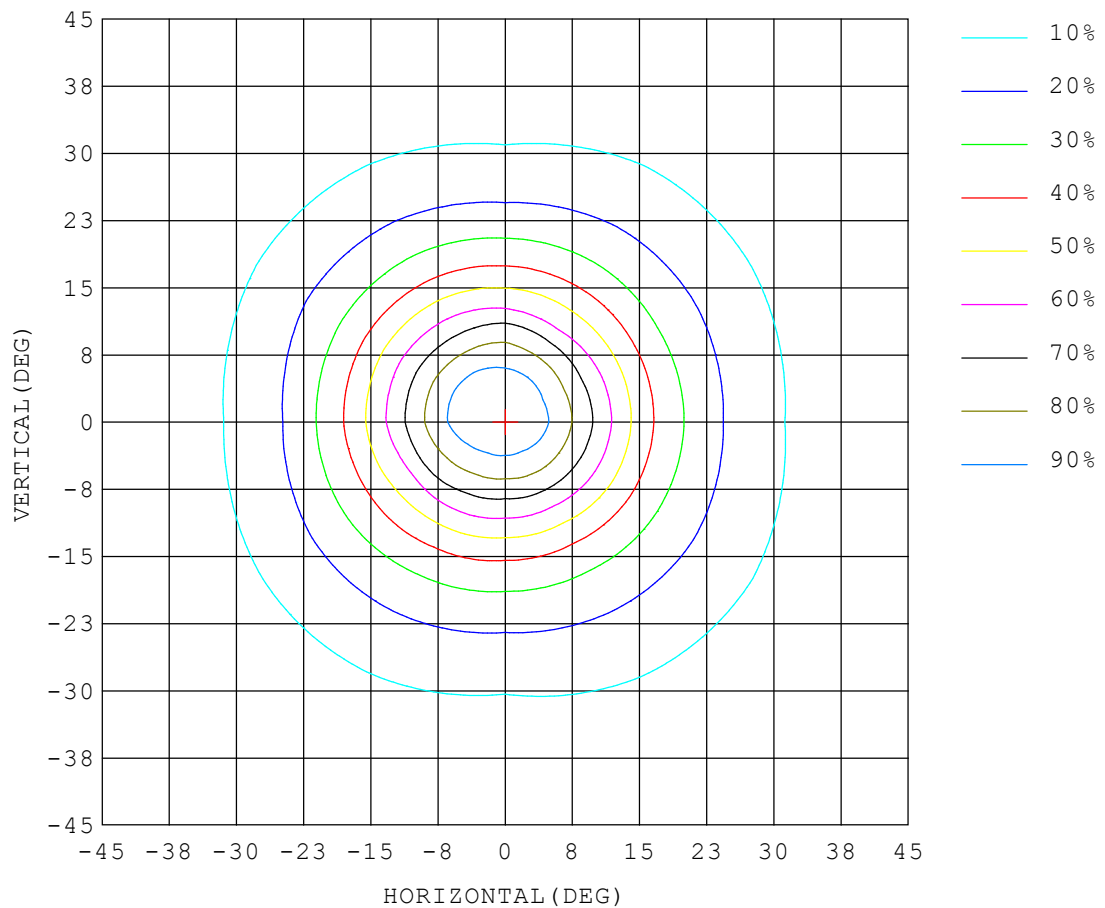
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ISOCANDELA DIAGRAM

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UNIT: cd



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